

HISTORIC AMERICAN ENGINEERING RECORD

PA-52

Master Photo List

American Chain and Cable Company Property

In the 400 block of East Princess Street, seven blocks from Colonial Square.

York  
York County  
Pennsylvania

Photos taken October 1979 by Jeffrey L. Stephanic.

- HAER PA-52-1      Shown in the electric motor which powered the belts and drive shafts. This power system drove the tumblers which cleaned chain in building #7.
- PA-52-2      In the foreground is the fan which removed fumes from the galvanizing area in building #8. In the background are the waste treatment tanks for the acids and alkali used in the zinc-electro-plating process.
- PA-52-3      This machine in building #7 plated the hooks used on the cross chains in tire chains, by the "pean" or mechanical process. This process was replaced when coated wire was introduced.
- PA-52-4      Within building #6 chain was heat-treated. On the left are the overhead dumpers, which loaded tire chain into the rotary atmospheric furnaces (missing). On the right is the conveyor which pulled the heat-treated chain out of the quencher (cooking), situated beneath the furnaces.
- PA-52-5      Within building #5, the forming of chain from wire, as well as other operations, was powered by such belt-driven wheels and shafts.
- PA-52-6      A northward view along Charles Street of the complex's industrial water storage.
- PA-52-7      On the fifth floor of building #5 was storage for parts and other manufacturing supplies.
- PA-52-8      This metal chute in building #3 carried the cloth bags full of finished tire chains from upper floors to the warehouse on the first floor.

- PA-52-9 A westward view across Charles Street of the eastern exterior wall of building #8 and #8-A.
- PA-52-10 A westward view across Charles Street of the eastern exterior wall of buildings #6-A, #6, and #6-B.(left to right).
- PA-52-11 A westward view within building #8-A of space used as a foreman's office, as storage, and for rectifiers (converters of alternating current to direct current for the zinc-electro-plating equipment). Buildings #6-A and #8-A were the enclosed outside spaces between the outer walls of buildings #6 and #7, and #8 and #7 respectively.
- PA-52-12 A westward view across Charles Street of the eastern exterior wall of buildings #8-A and #7.
- PA-52-13 A southeastward view of buildings #3 (on the right), building #5 ( to the immediate left of building #3), and buildings #6-B (low building on the far left) and #6 ( to the immediate rear of #6-B).
- PA-52-14 A westward view of building #5 in the background, low buildings #22 and #23 in the center and supports for the water tower. The roadway was previously rail service to buildings #3, #5, and #9. The trackage had been mostly covered with fill, representing the transition from rail to truck service. The two enclosed passageways to the left of center carried semi-processed tire chain from building #9, on the left, to buildings #3 and #5.
- PA-52-15 A detailed view of the timber supports with reinforcing hardware found throughout buildings #3 and #5.
- PA-52-16 A southward view of buildings #6-B, #6, #6-A, #7, #8-A, and #8. The water tower is situated directly behind building #8. To the right is the eastern wall of the five-storied building #5. In the center background is part of the north face of building #9. All structures to the north of building #9 are to be demolished.
- PA-52-17 A southward view of buildings #6-B and #6 in the left background and buildings #5 (center) and #3 (right of center).
- PA-52-18 A southeastward aerial view of entire complex. Area east of Charles Street (behind water tower in view) is not part of this project.